

Task:

You may work with a partner to create a mural, but you must both turn one in.

Ms. Cutts commissioned your class to paint a geometric mural on an outside wall of the library. She has requested a mural that meets the following specifications:

- o A rectangular background (40 ft x 18 ft) painted blue
- o At least four unique green triangles whose total areas equal 100 square feet
- o At least three yellow parallelograms whose total areas equal 50 square feet
- o At least two pink squares whose total area equals 60 square feet
- o Shapes within the figure may not overlap

Show your work and explain how you know your mural meets the specific requirements.

How many square feet of blue paint is visible on the mural?

0.5 cm Graph Paper

